

ABSTRACT

Discloses a multi-flavour hot beverage dispenser apparatus adapted to dispense a selected flavour hot drink. The dispenser apparatus has hopper to hold a base powder. The hopper includes a hopper dispenser outlet including a motor driven
5 auger to dispense the base powder from the hopper and a hot water boiler and hot water dispense valve. The hot water boiler has controlled heating means to heat the water to the desired temperature. A plurality of liquid flavour dispensers is provided with one or more dispensers selectively activatable to dispense a
10 flavour syrup to flavour the dispensed hot drink to the desired flavour. The liquid flavouring supply is separate from the base powder allowing a compact sized dispenser which requires minimal counter space that does not increase with increasing flavour selection offerings. A mixer mixes the hot drink constituents to produce the selected flavour of hot drink indicated by a user by depressing a
15 dispense key corresponding to the desired size and flavour of drink to be dispensed. A portion controlled or push and hold dispense cycle is described. In addition, drink constituent supply sensors are disclosed which operate to disable hot drink dispensing when a supply is low.